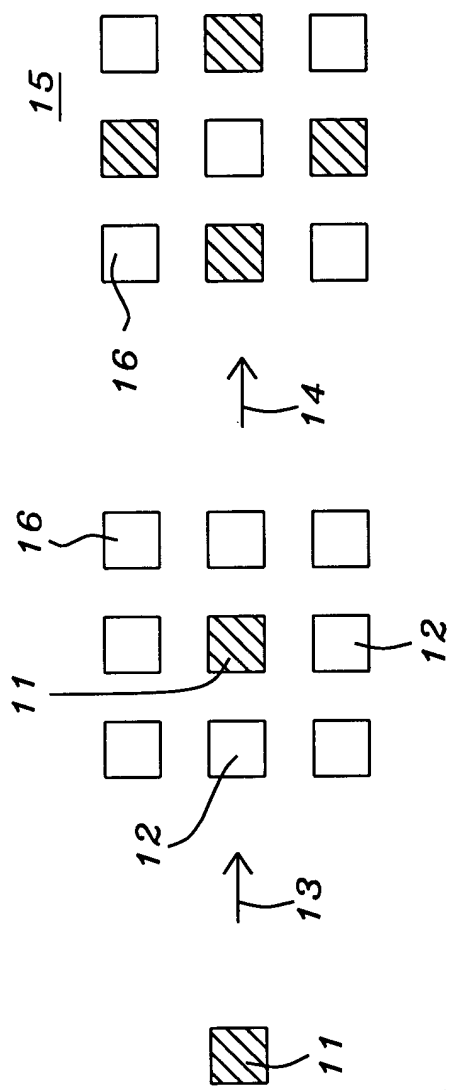

FIG. 1 - Prior Art

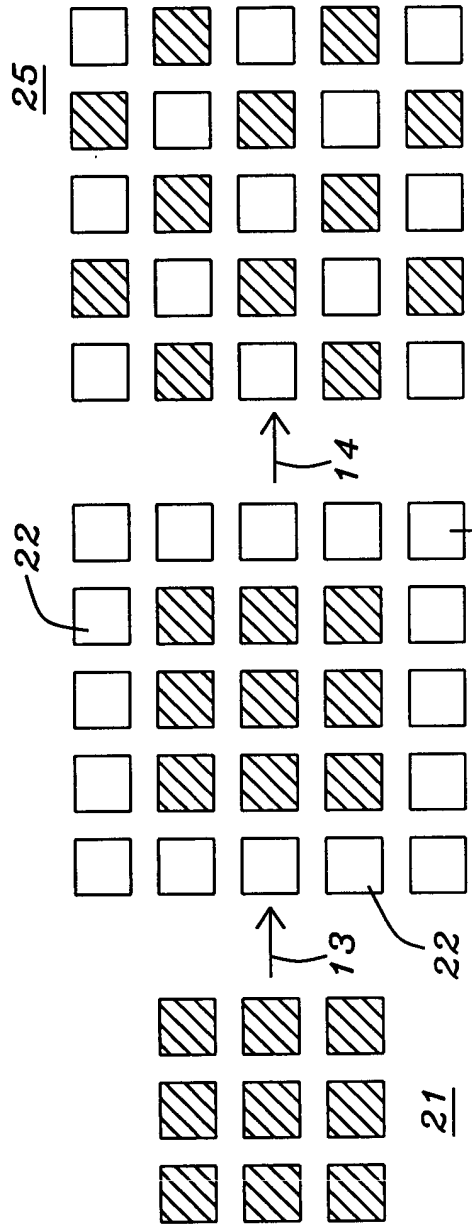

FIG. 2 - Prior Art

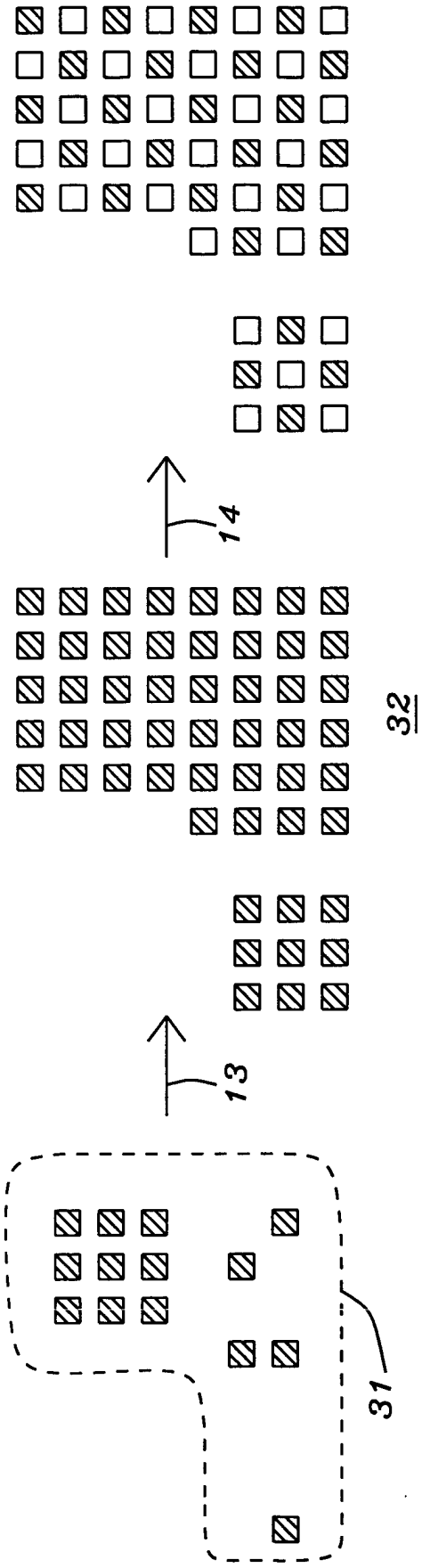

FIG. 3 - Prior Art

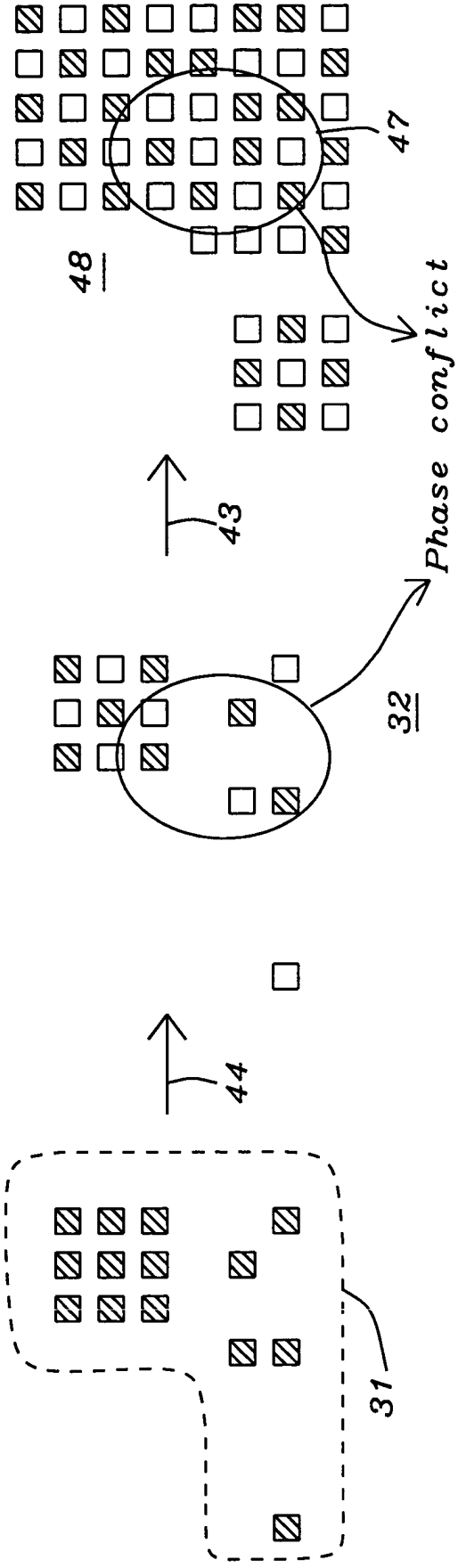

FIG. 4 - Prior Art

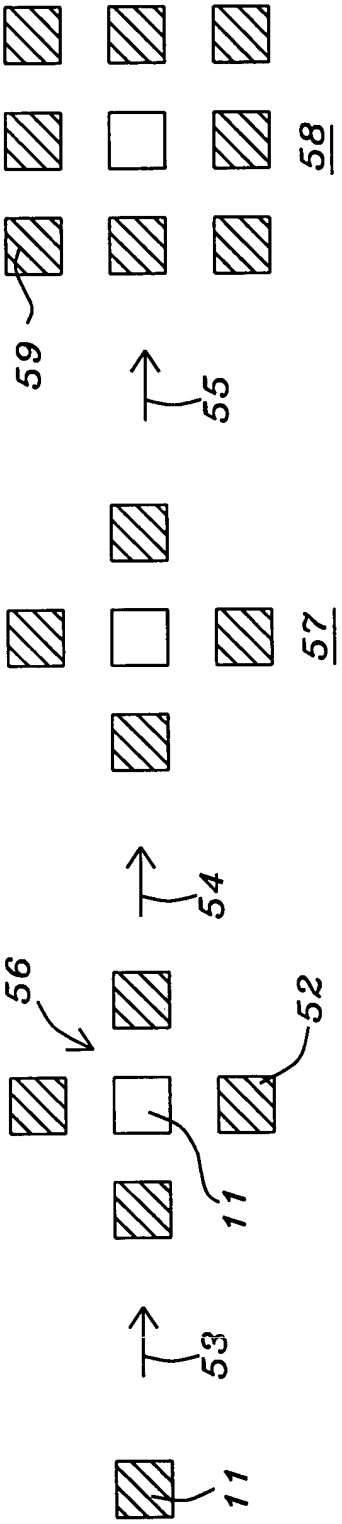

FIG. 5

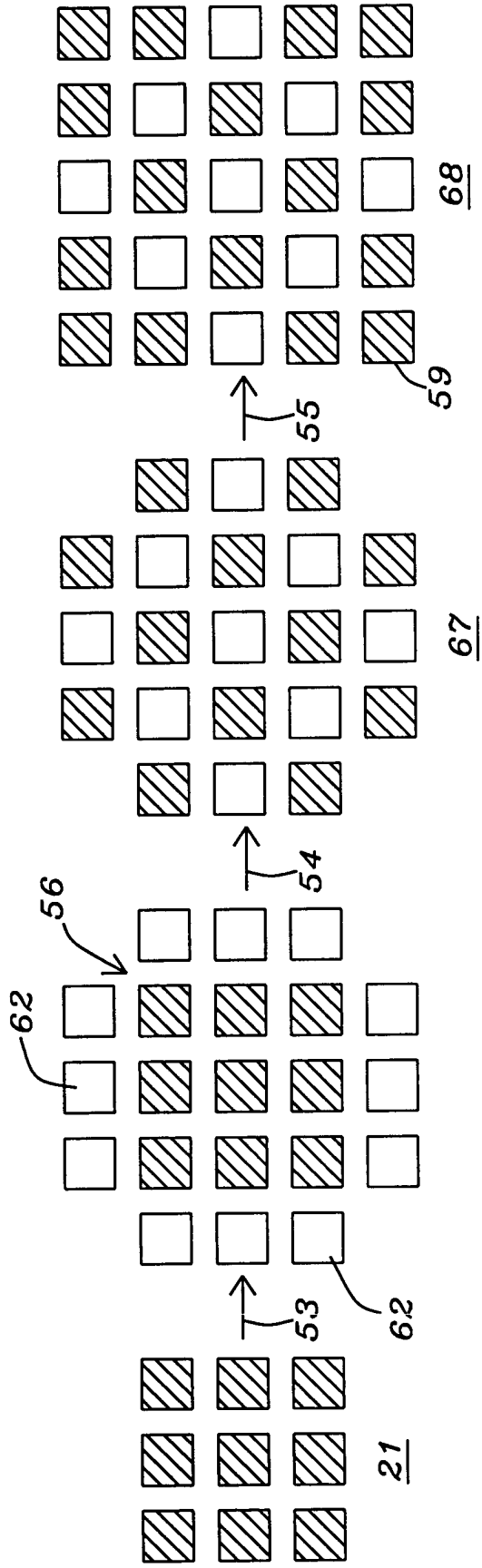

FIG. 6

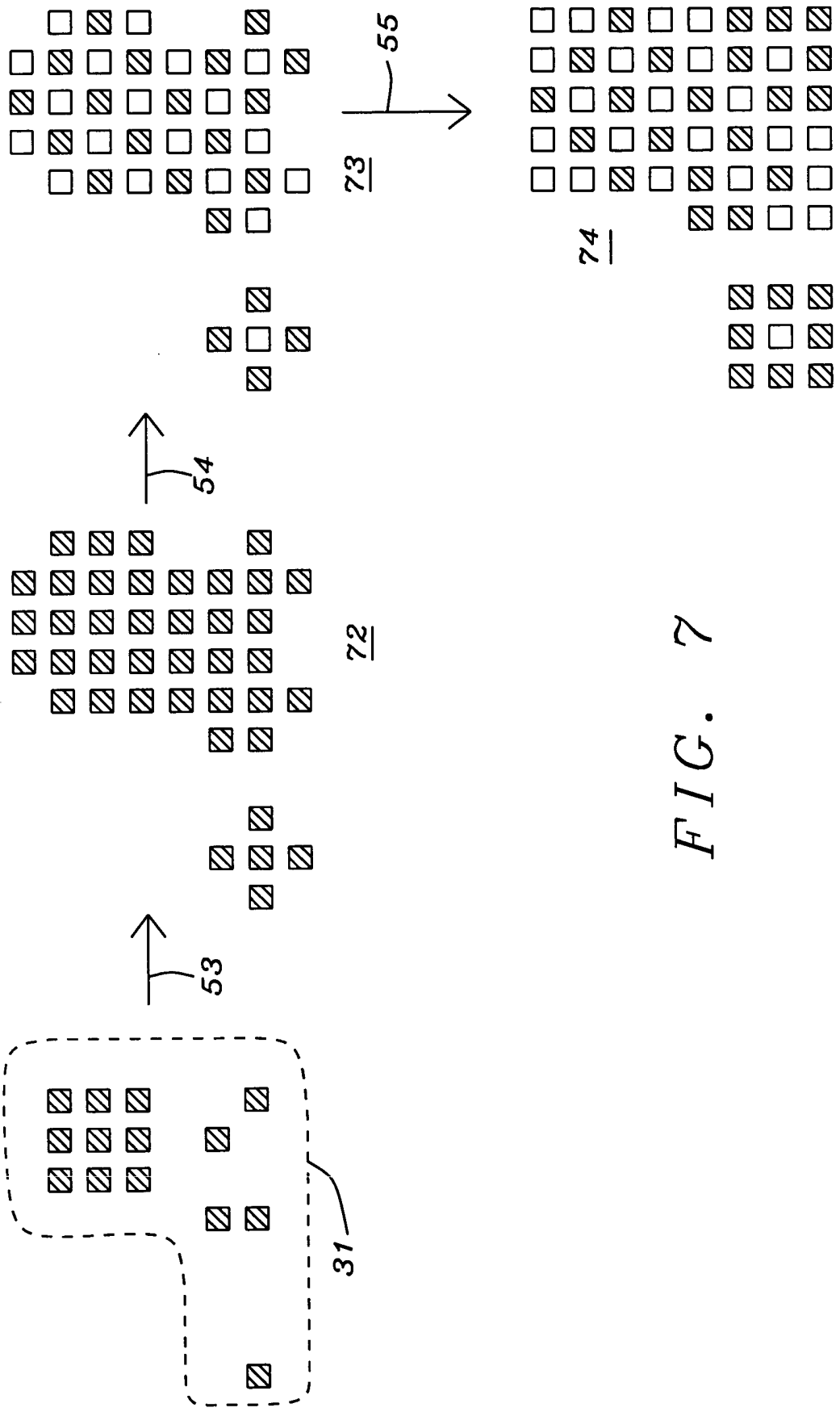

FIG. 7

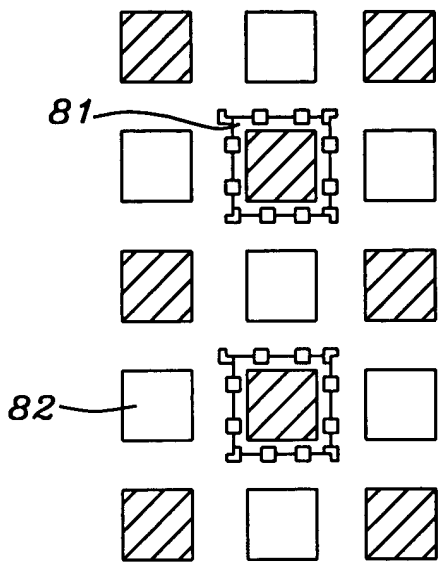

FIG. 8a

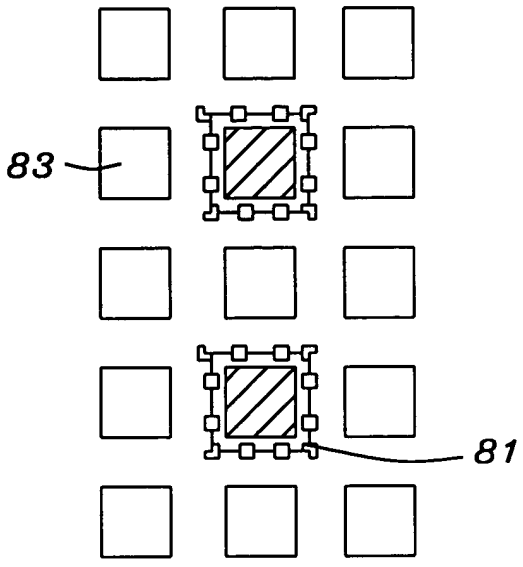

FIG. 8b

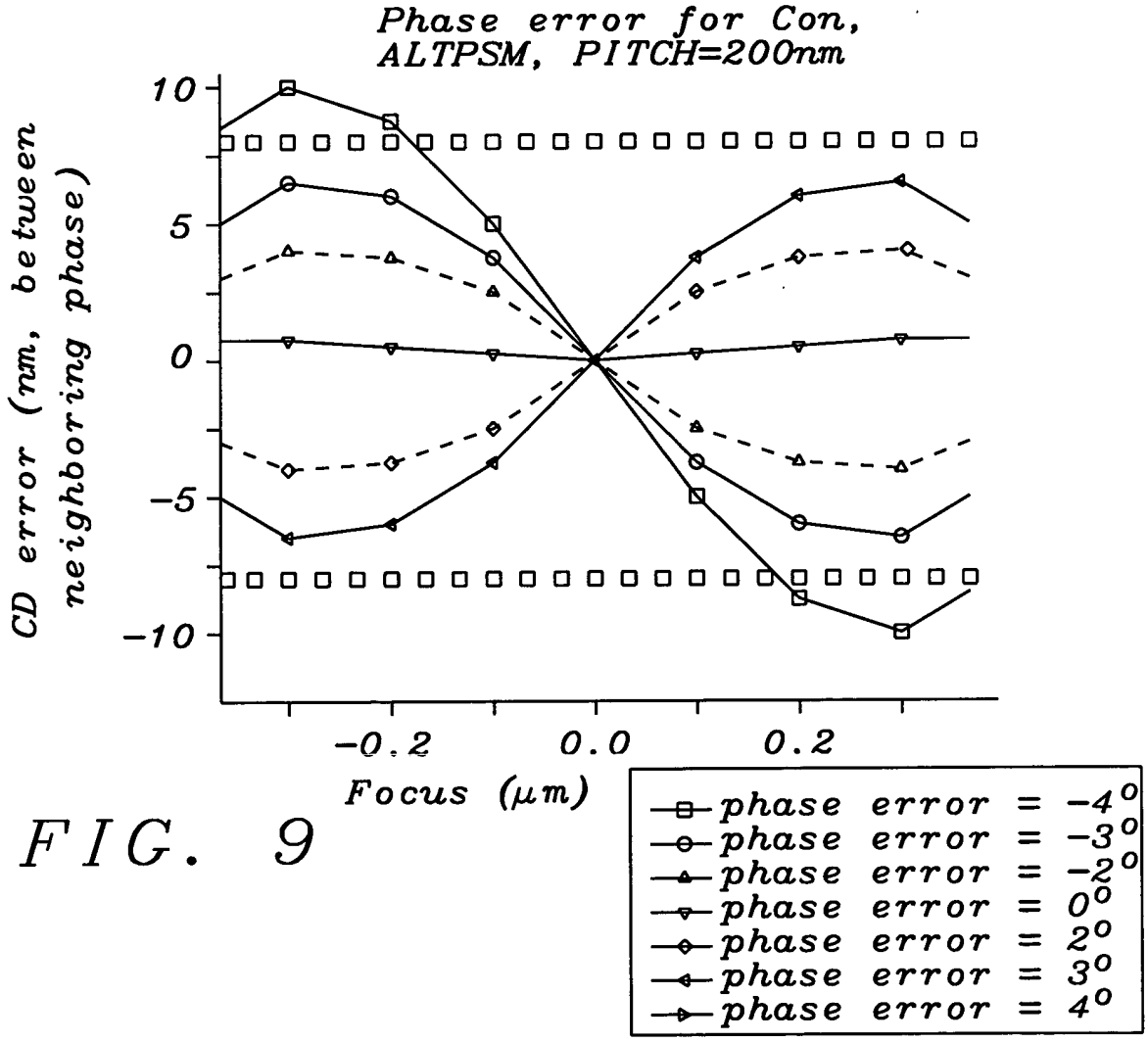

FIG. 9

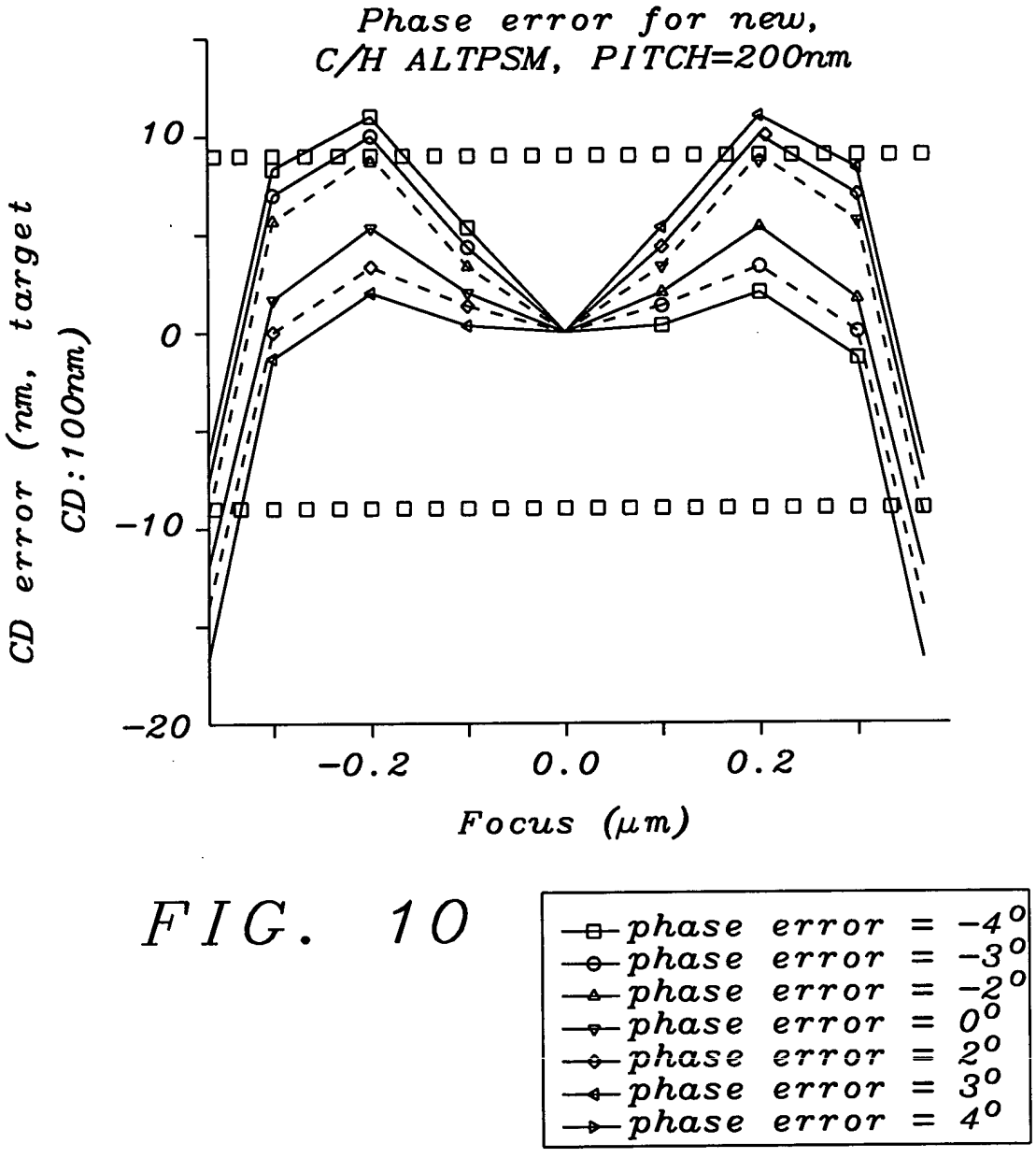
Phase error for new,
C/H ALTPSM, PITCH=200nm
CD error (nm, target CD:100nm)
10
0
-10
-20
-0.2
0.0
0.2
Focus (μm)
phase error = -4°
phase error = -3°
phase error = -2°
phase error = 0°
phase error = 2°
phase error = 3°
phase error = 4°

FIG. 10